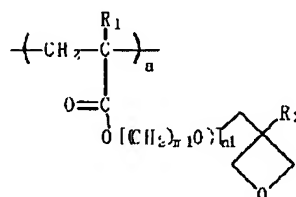


POLYMERIC SOLID ELECTROLYTE AND METHOD OF MAKING THE SAME

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 [21] Application No.: JP2001061155  
 [22] Filed: 20010306  
 [43] Published: 20020913



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[57] Abstract:

PROBLEM TO BE SOLVED: To provide polymeric solid electrolyte that has high ion conductivity even at room temperature and has excellent film formability, flexibility and mechanical strength. SOLUTION: It is characterized in that this polymeric solid electrolyte contains a polymeric compound composed of a ring-opening polymer of an acrylate backbone-having oxetane compound of the following general formula (1), wherein a is 10-400,  $n_1$  is each independently 1-6,  $n_1$  is each independently  $1 \leq n_1 \leq 20$ , and  $R_1$  and  $R_2$  is each independently an alkyl group which may be branched containing 1-12 carbon atoms or hydrogen atom, and electrolytic salt.

[51] Int'l Class: H01B00106 C08F22028 C08F29006 C08F29902  
 C08G06522 C08K00300 C08L07100 H01B00112 H01B01300 H01G009035  
 H01G009032 H01M00618 H01M00622 H01M01040